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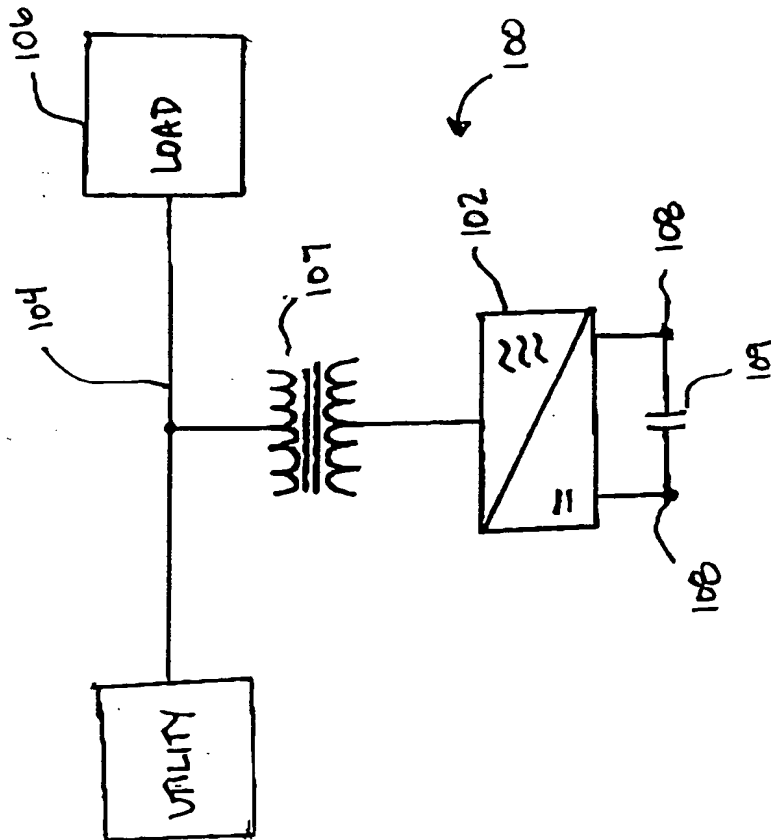


FIG. 1A

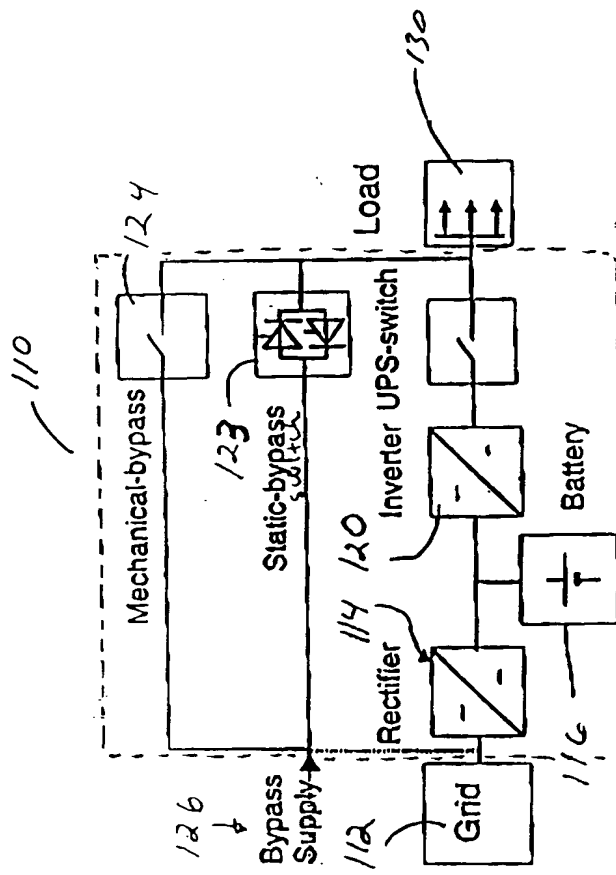


FIG. 1B

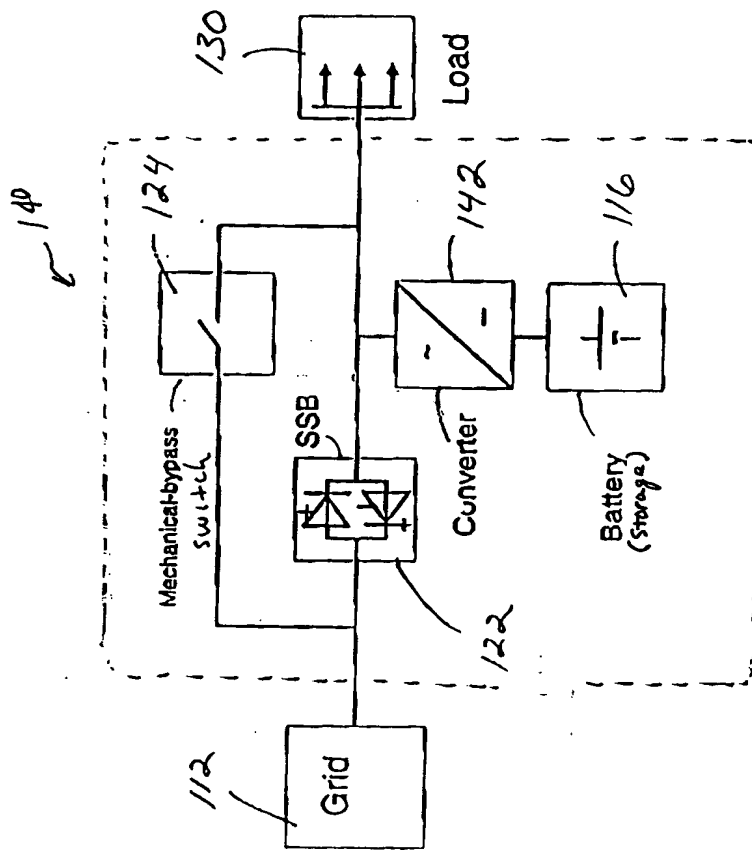


FIG. 1C

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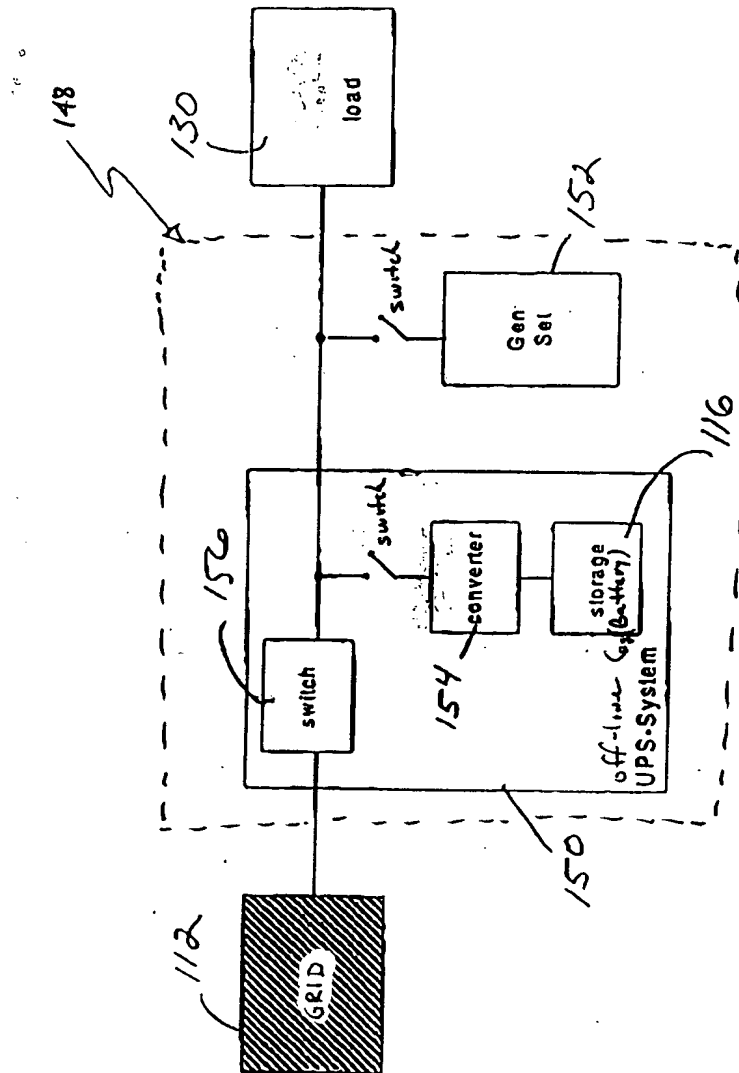


FIG. 2

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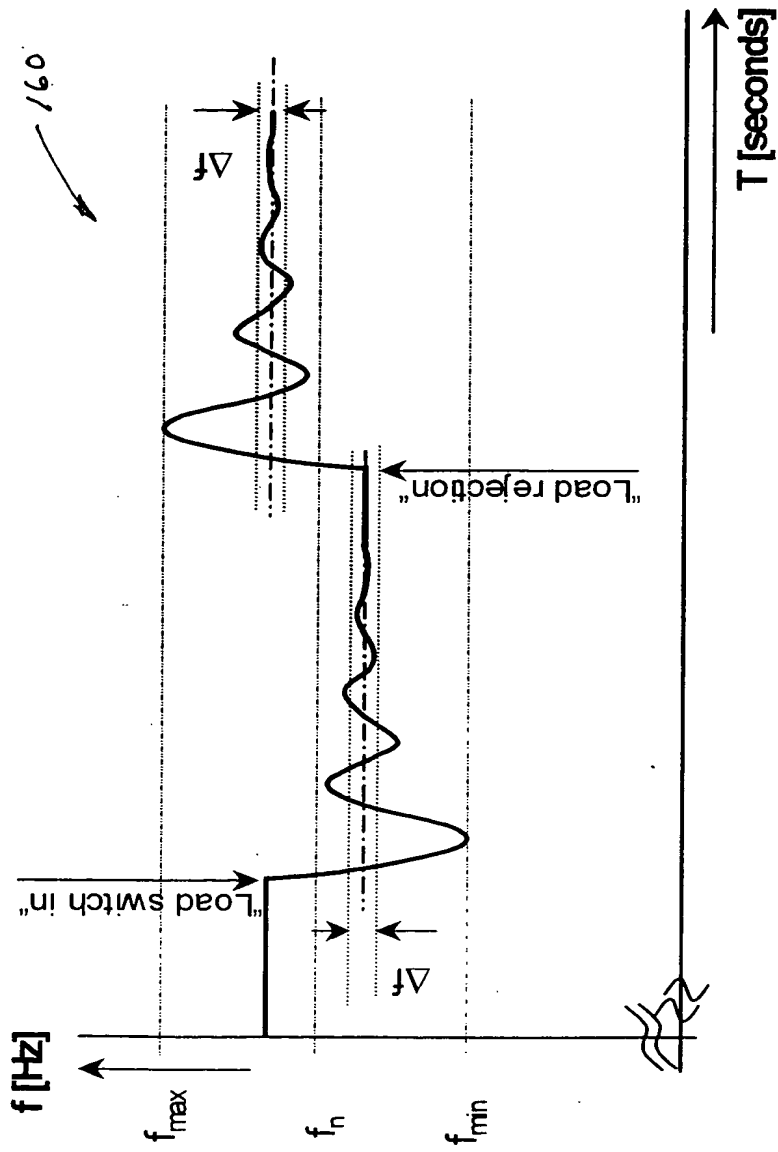


FIG. 3

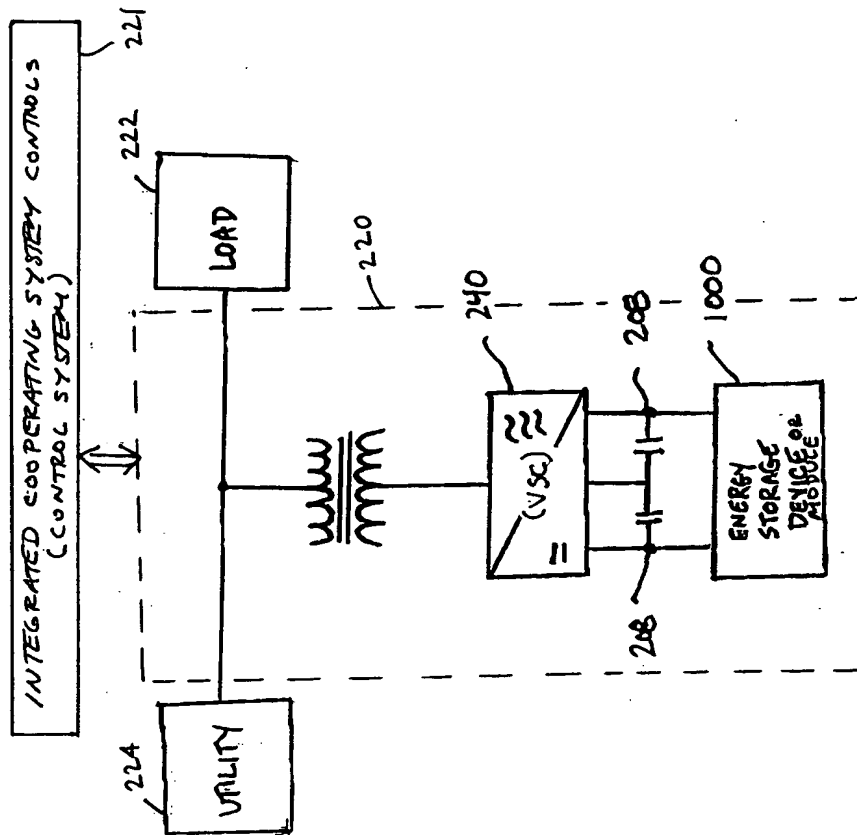


FIG. 4A

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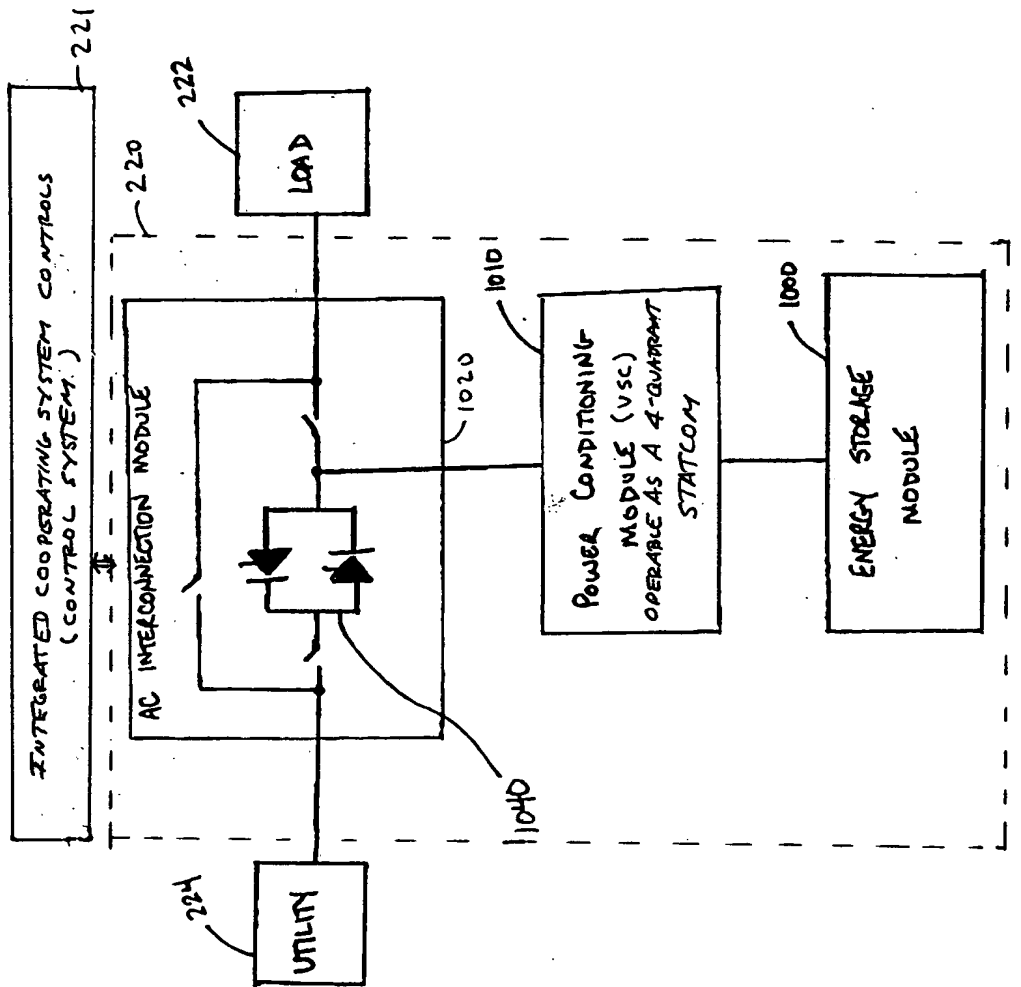


FIG. 4B



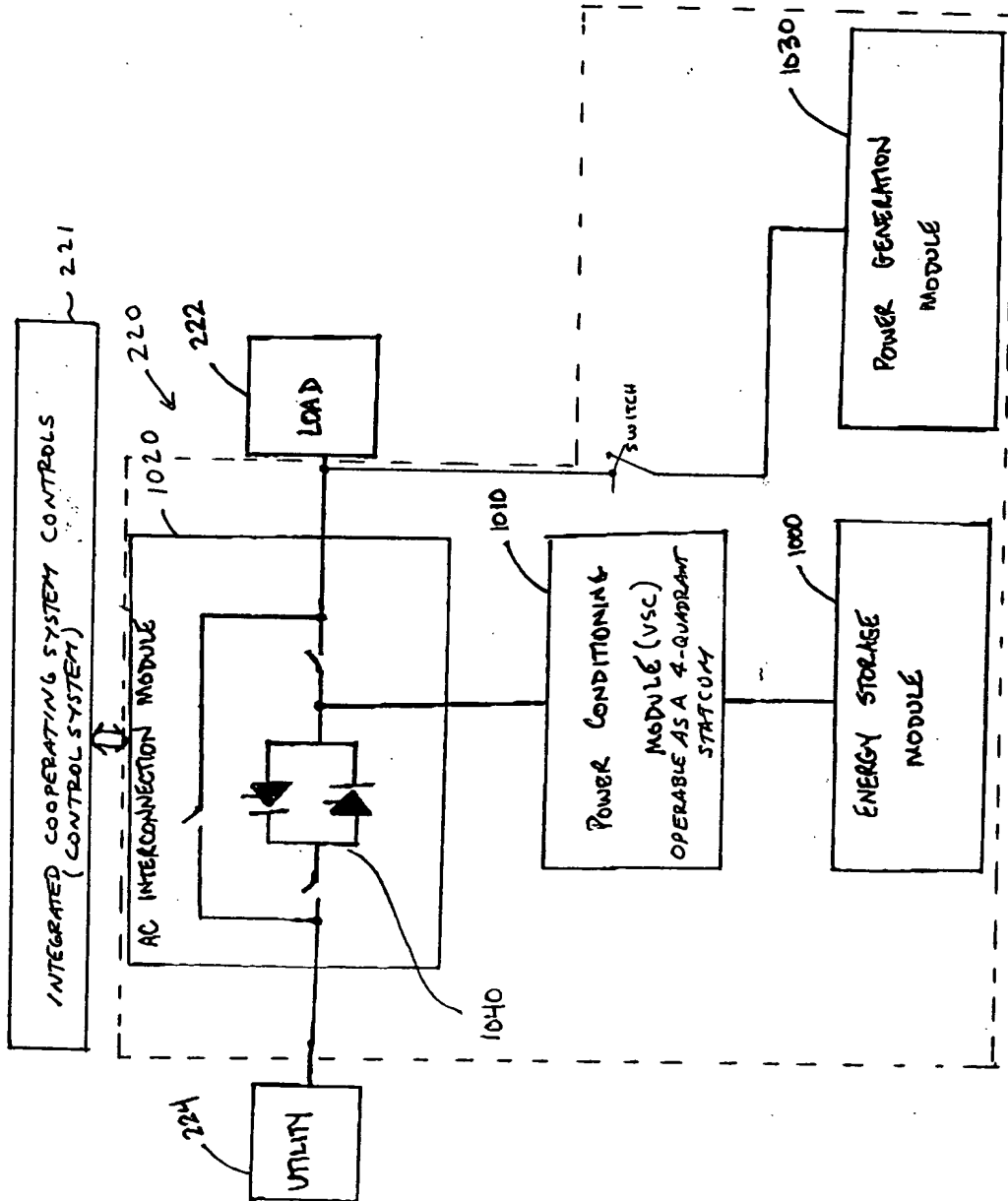


FIG. 4C

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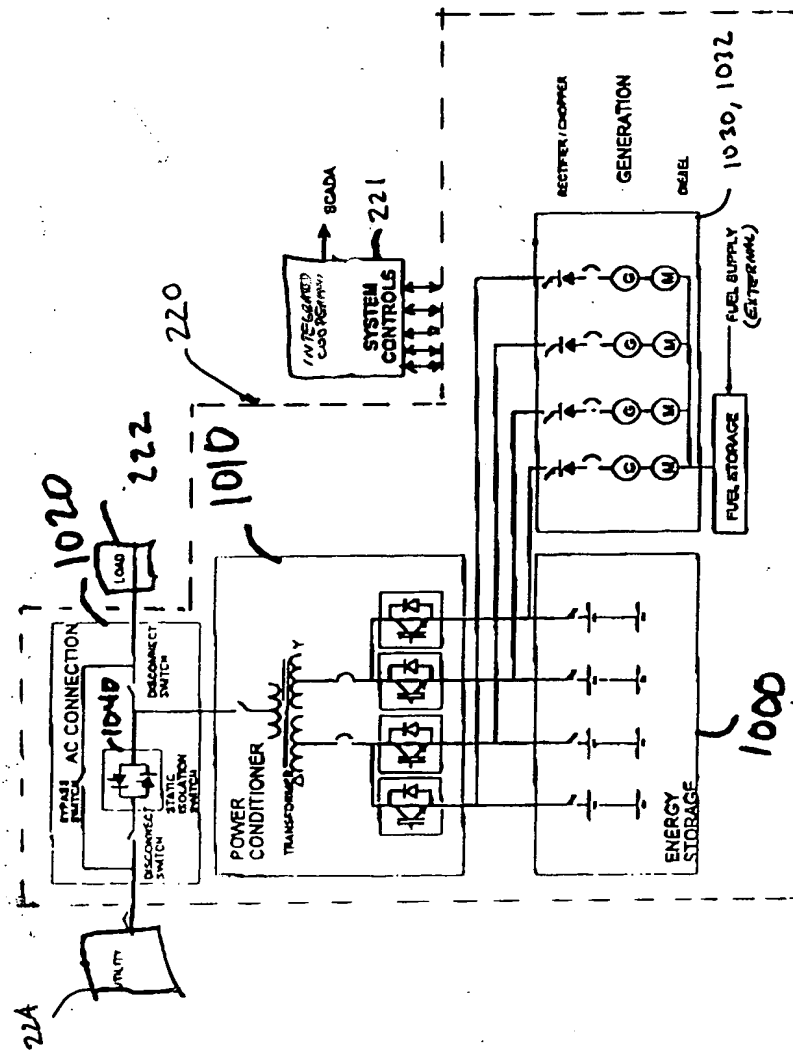


FIG. 5

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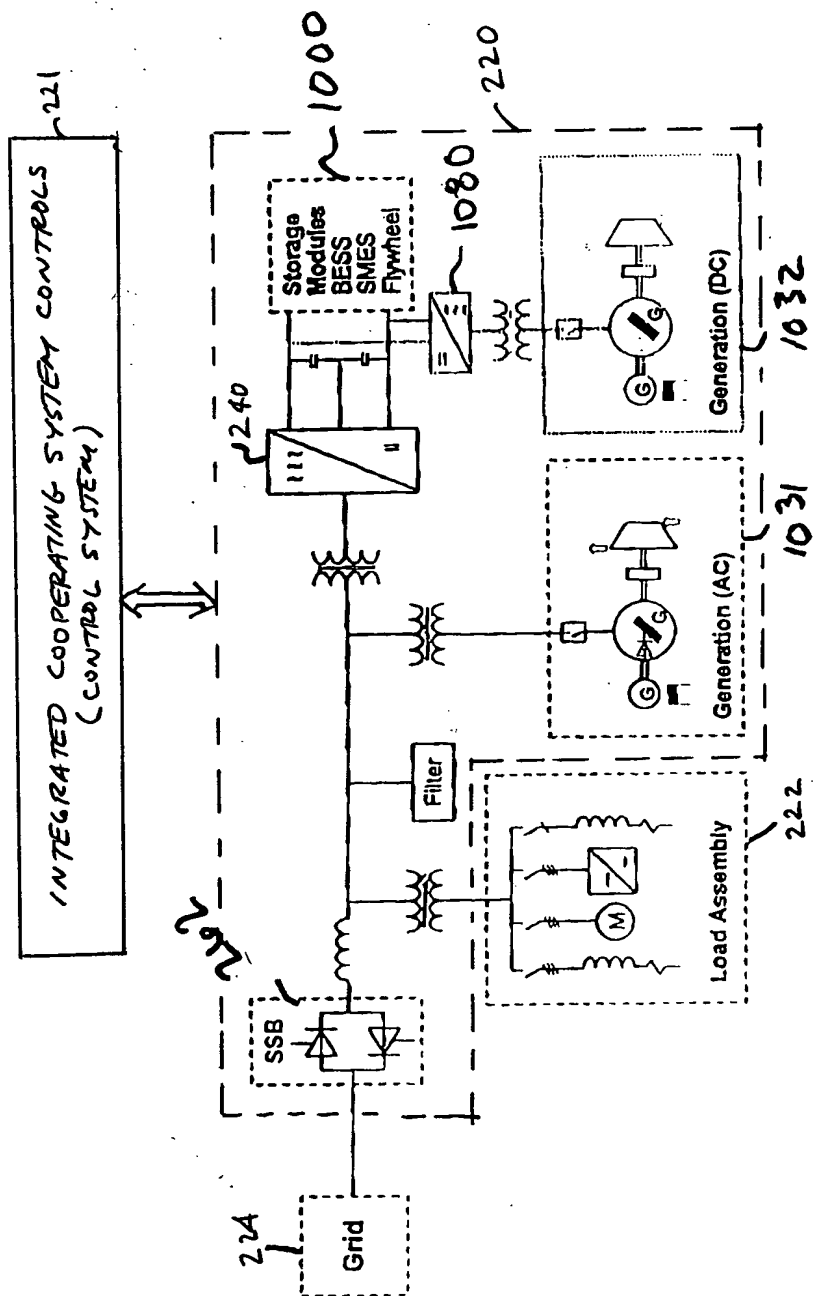


FIG. 6

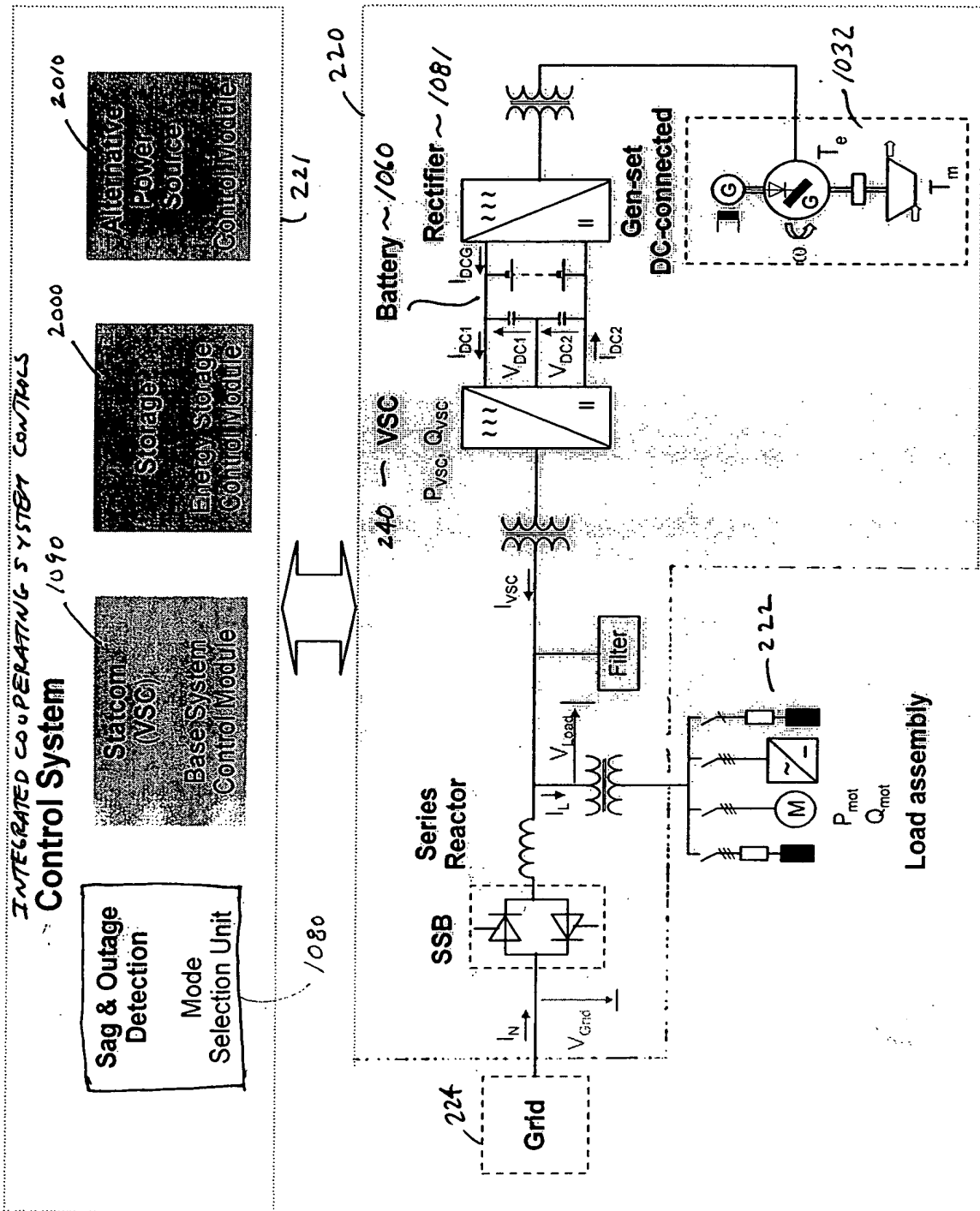


FIG. 7A

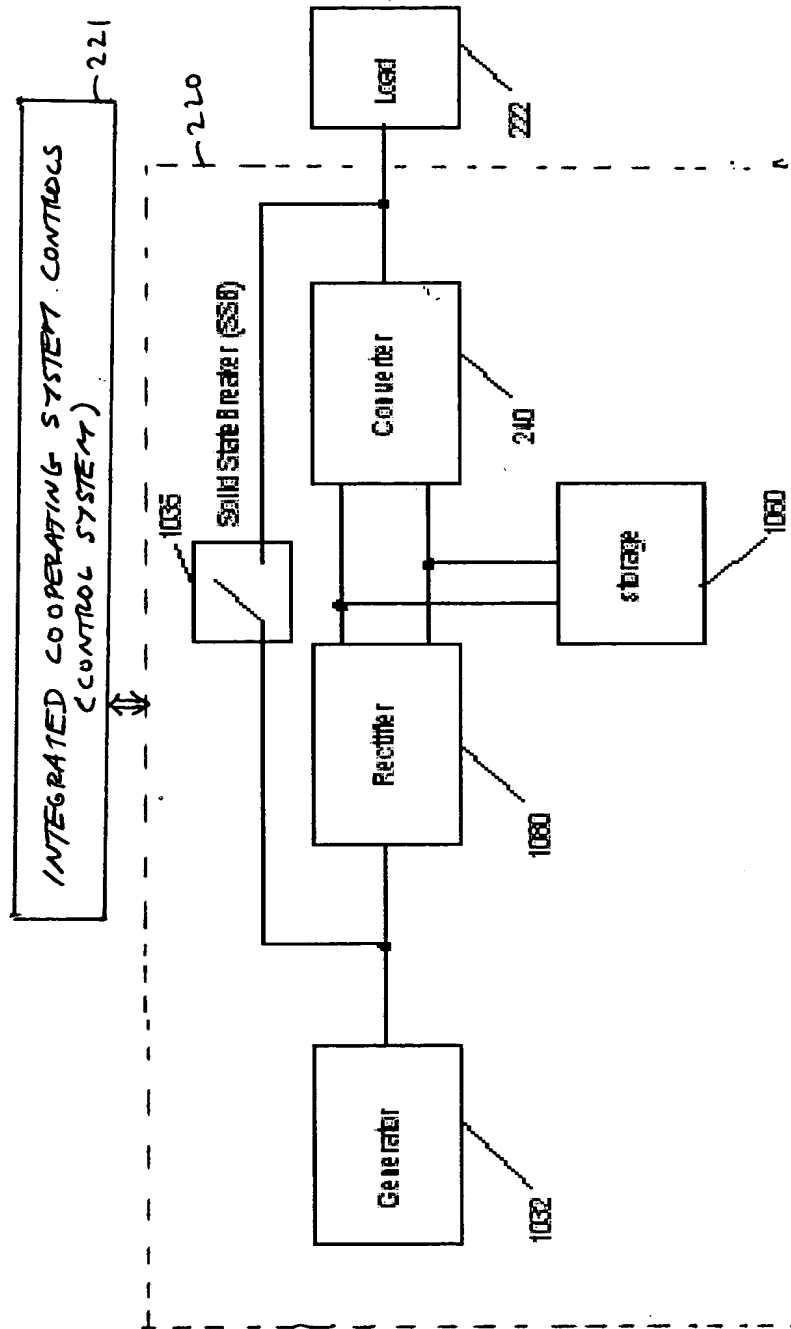


FIG. 7B



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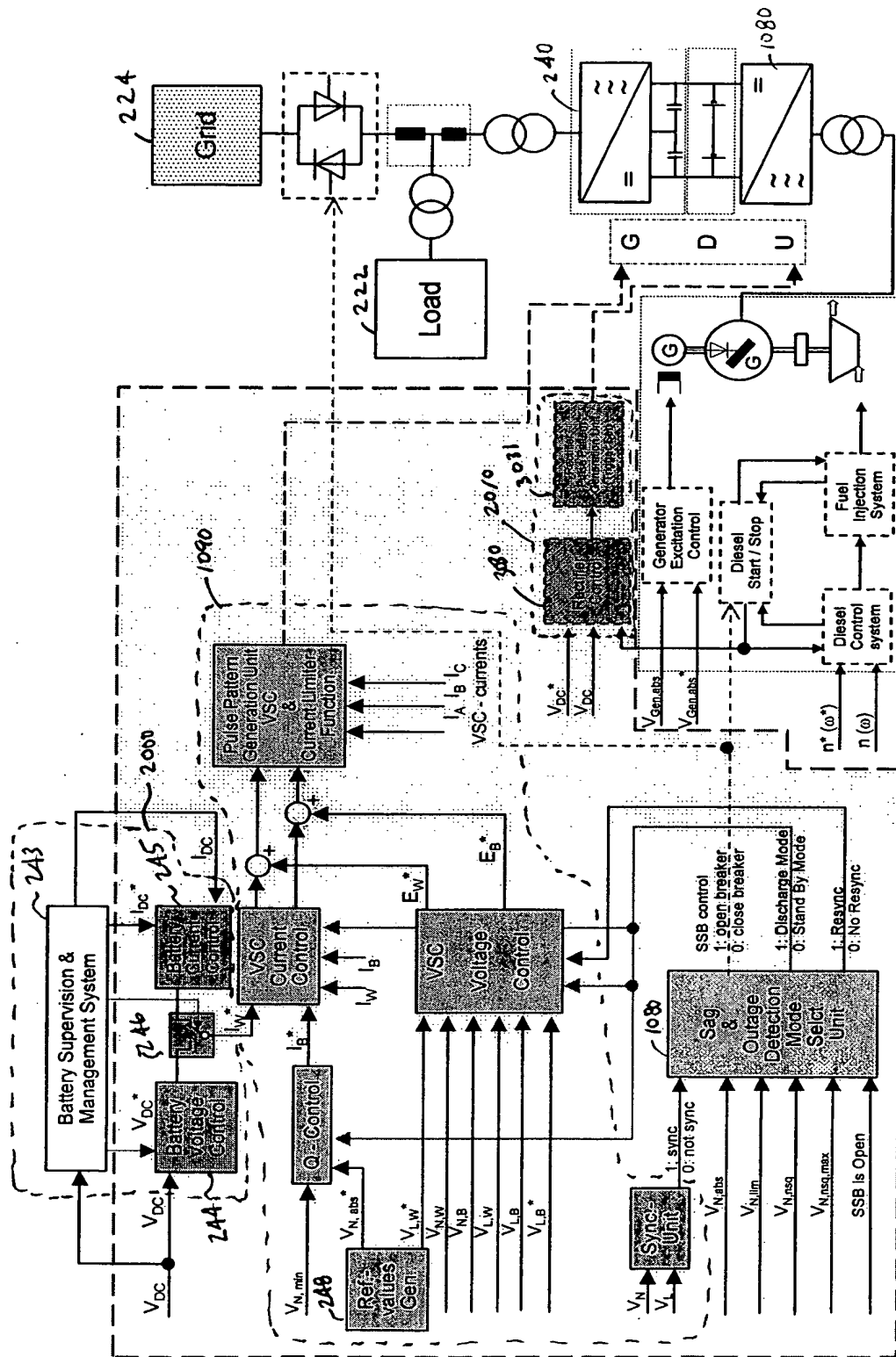
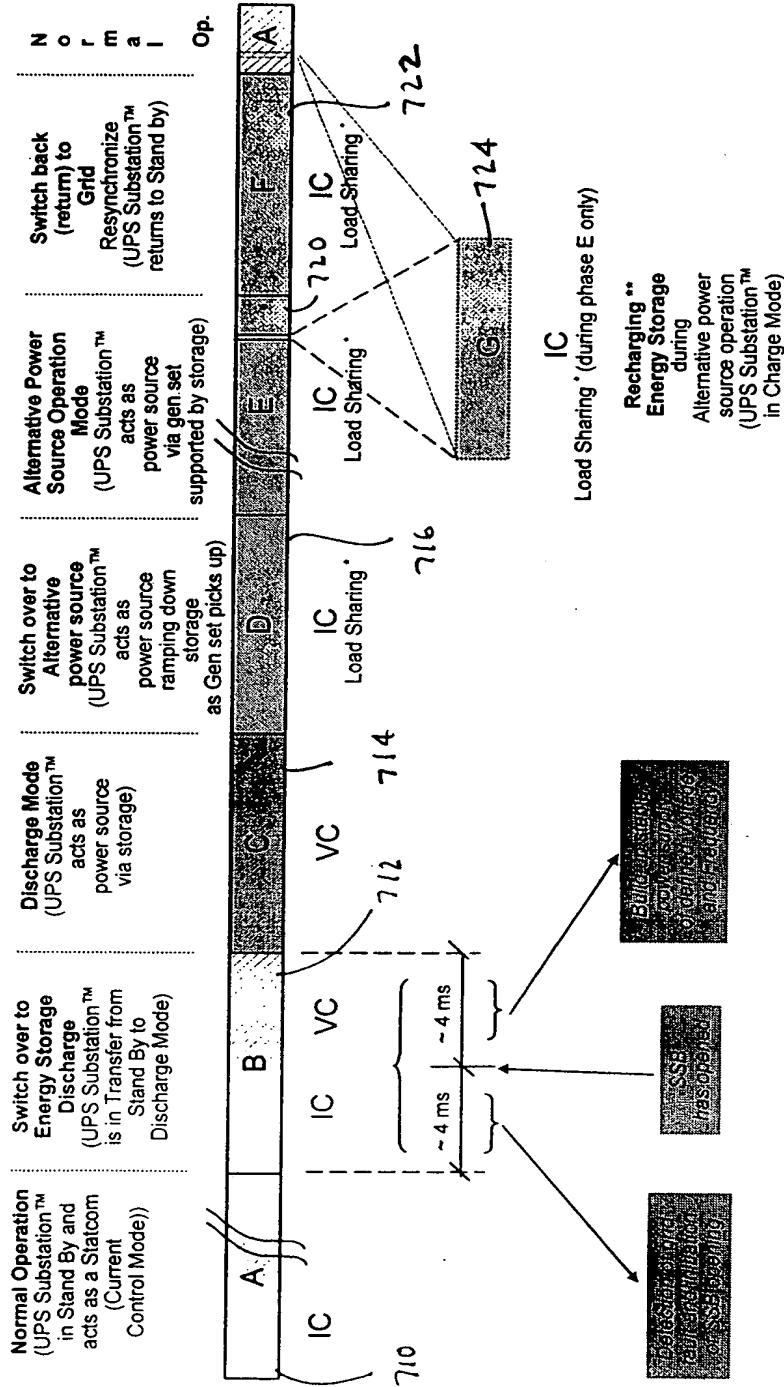


Fig. 8B

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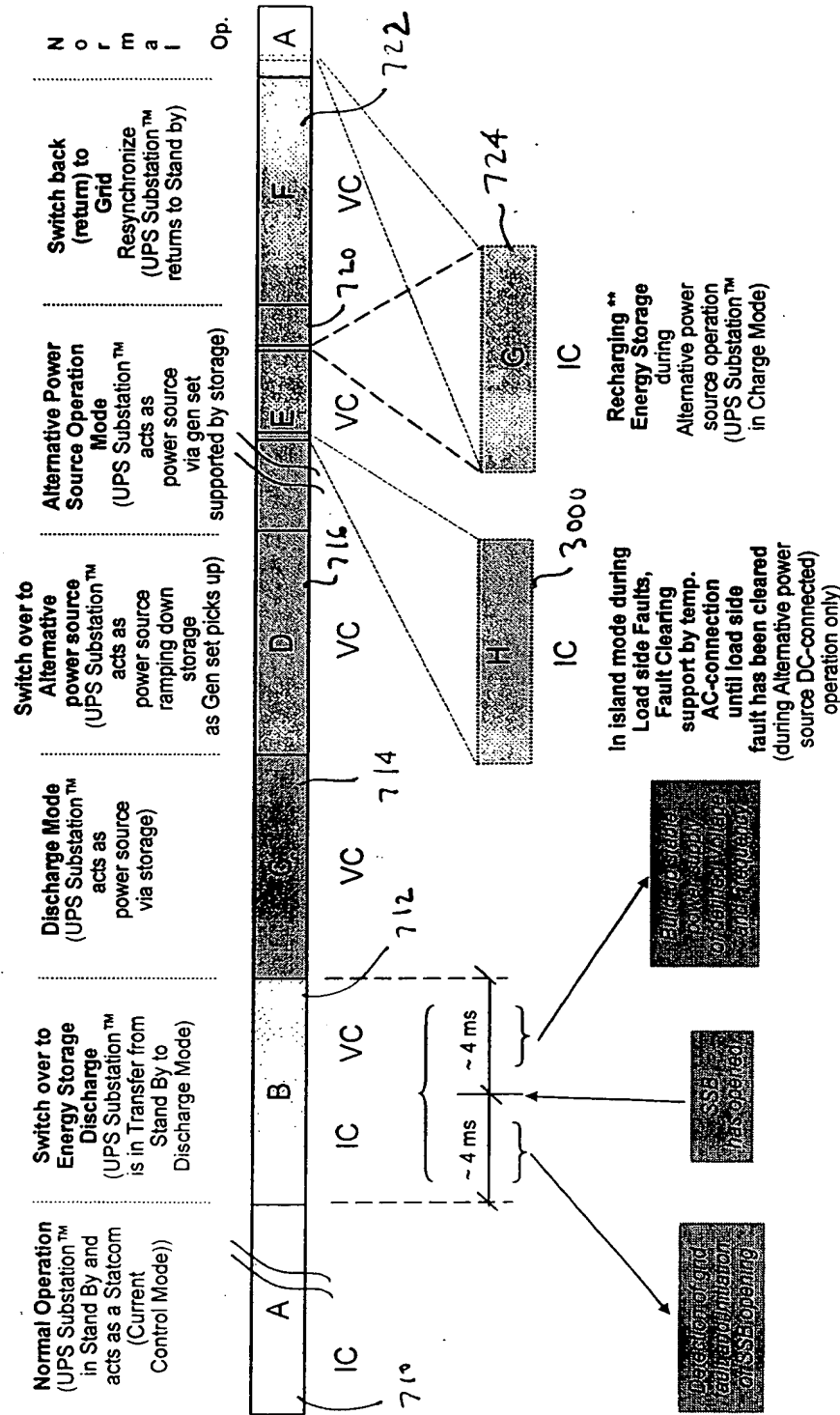
\* both energy sources are active  
\*\* recharging may also take place during other periods

FIG. 9A

IC Current Control  
VC Voltage Control

STATCOM  
UPS





recharging may also take place during other periods

FIG. 9B

IC Current Control  
VC Voltage Control

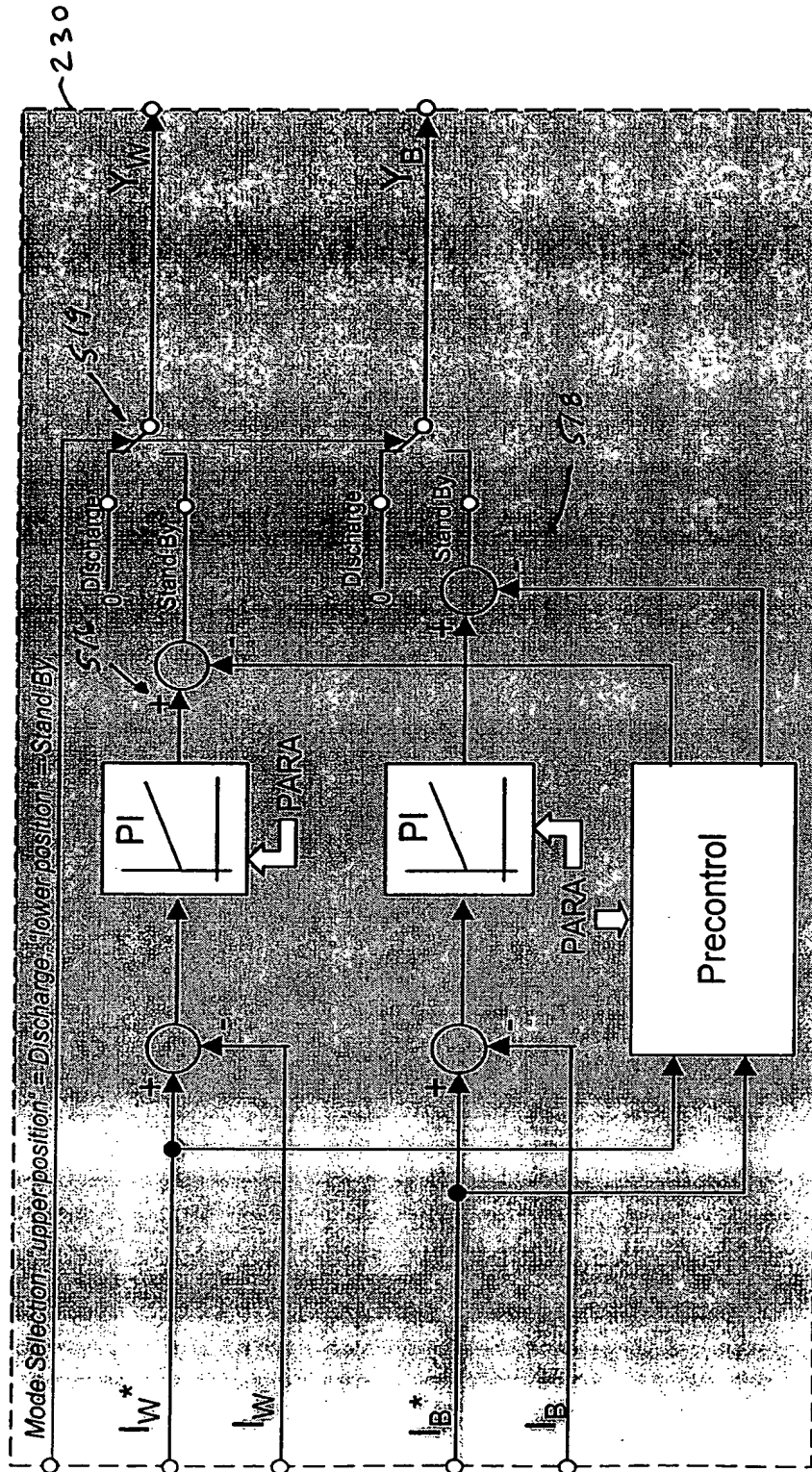


FIG. 10

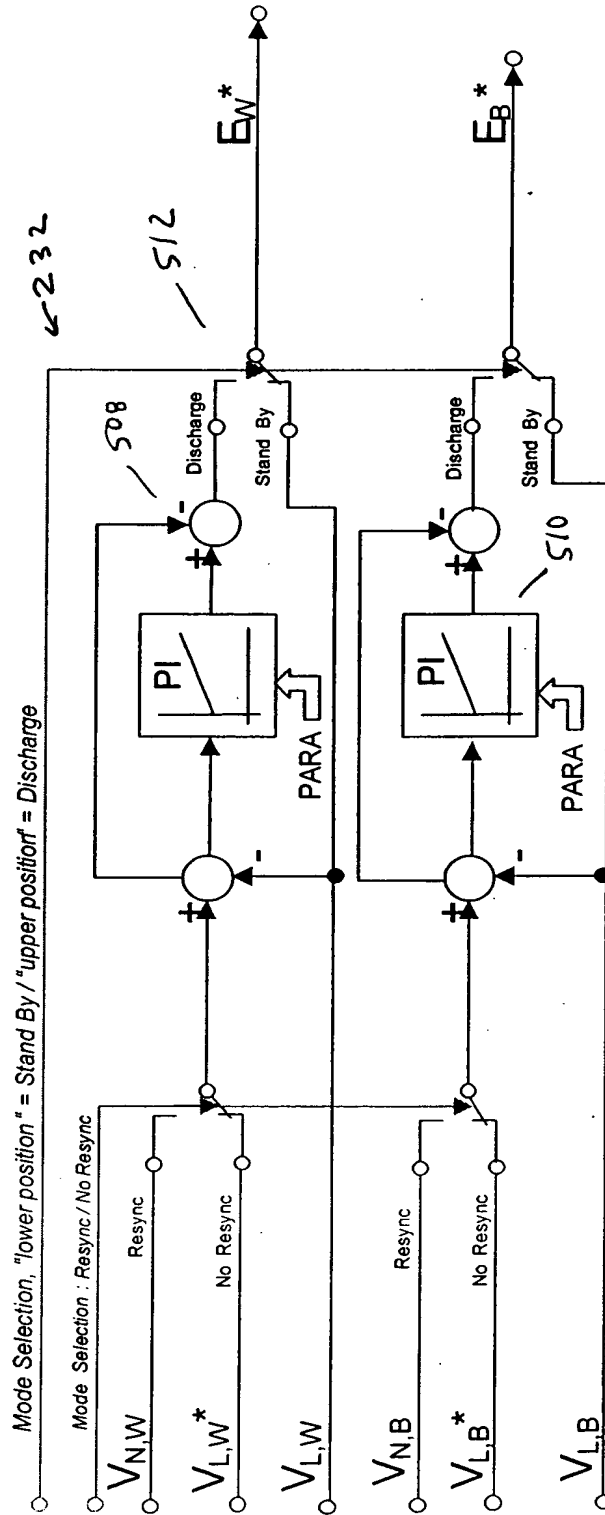
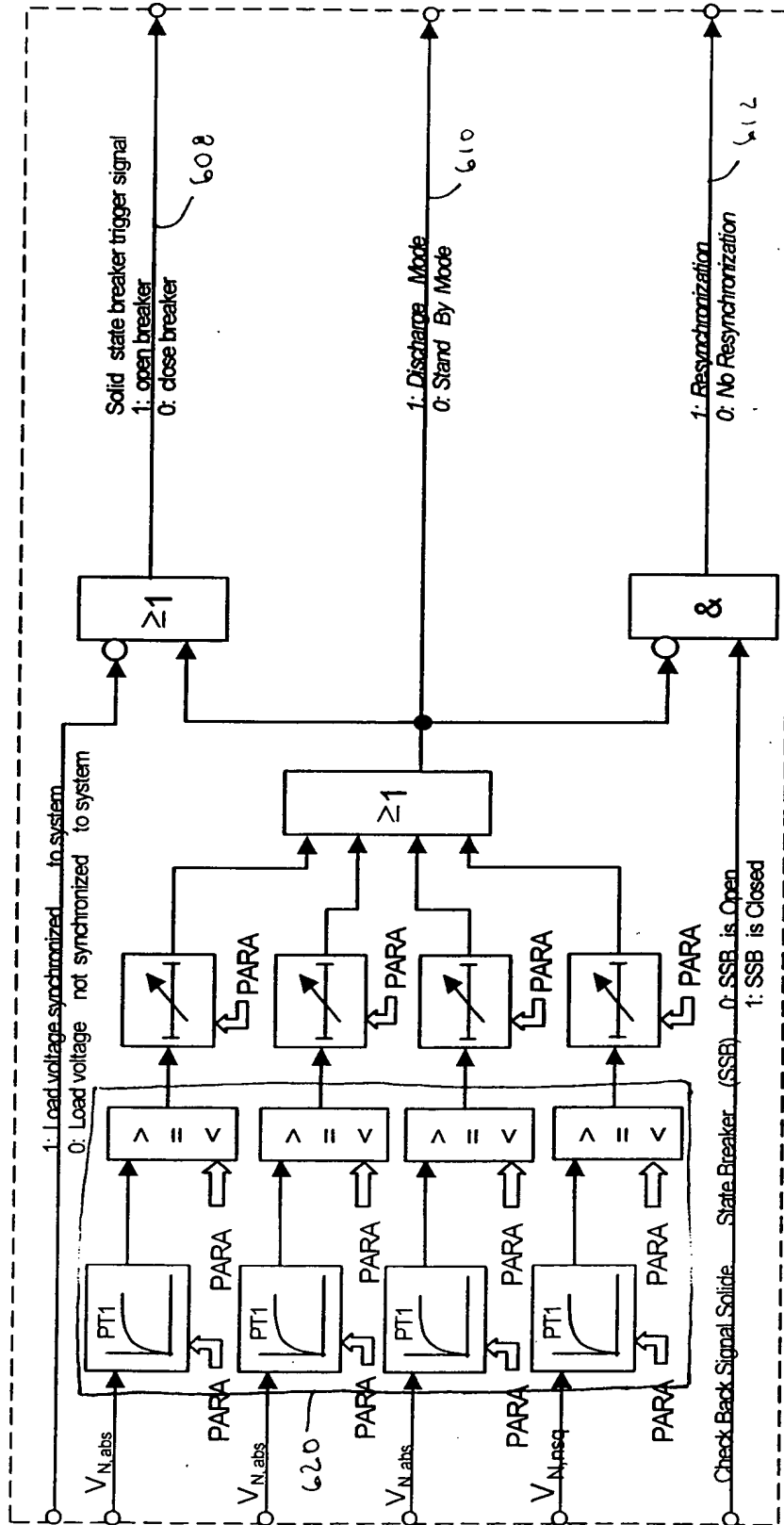


FIG. 11

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FIG. 12

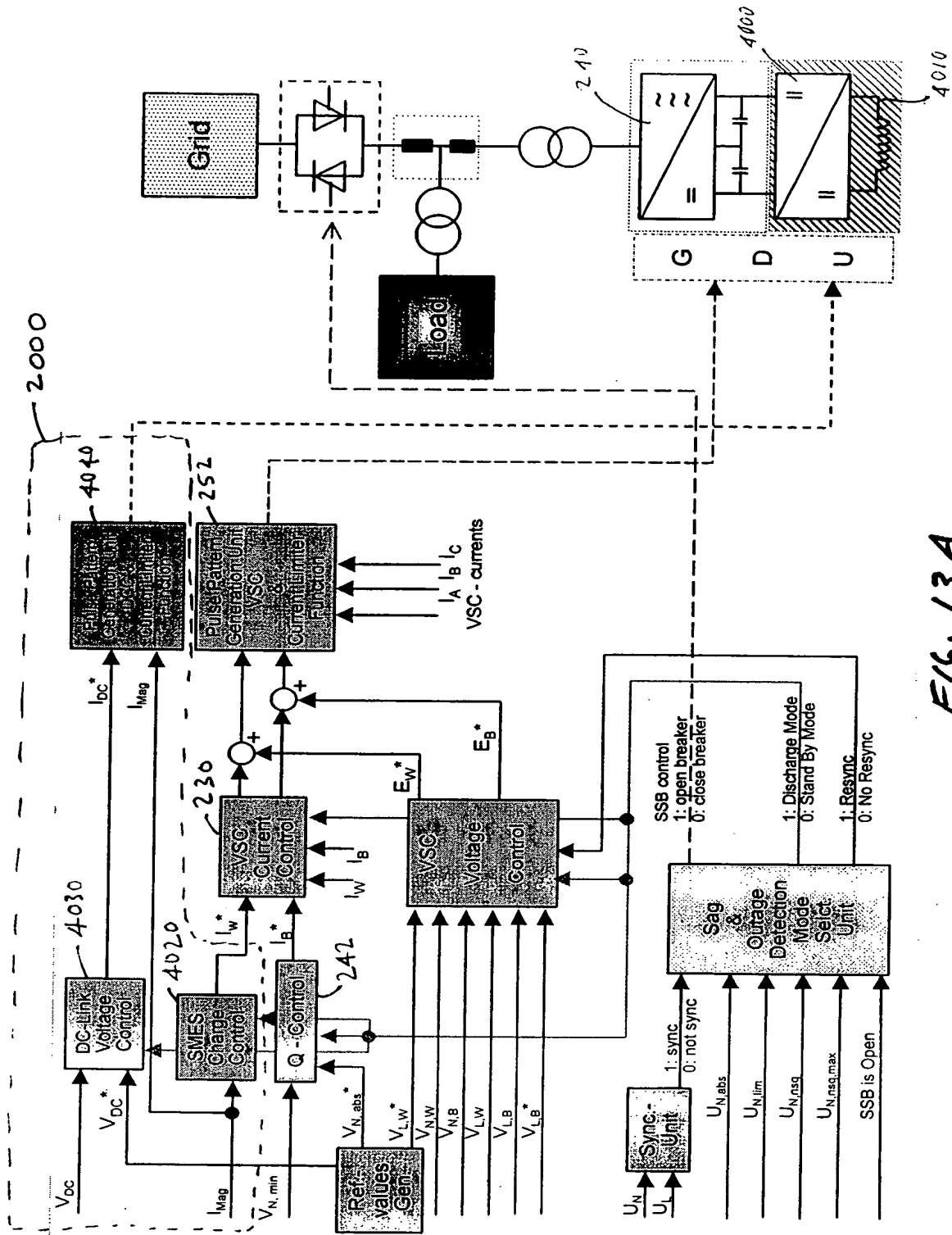


FIG. 13A



FIG. 13B

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FIG. 14 A

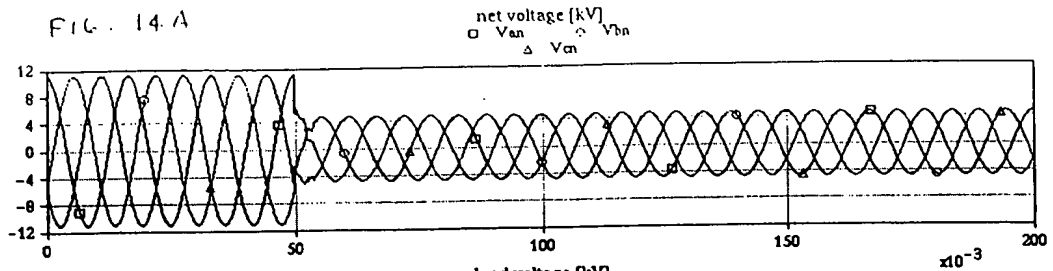


FIG. 14 B

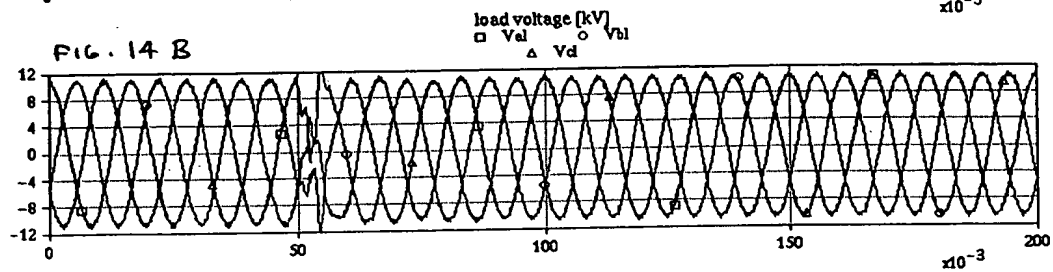


FIG. 14 C

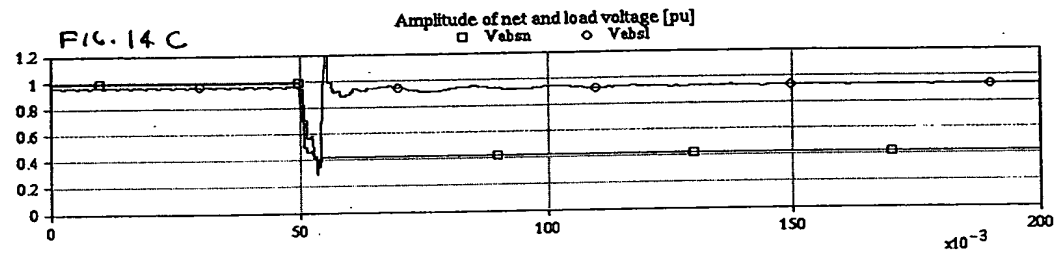


FIG. 14 D

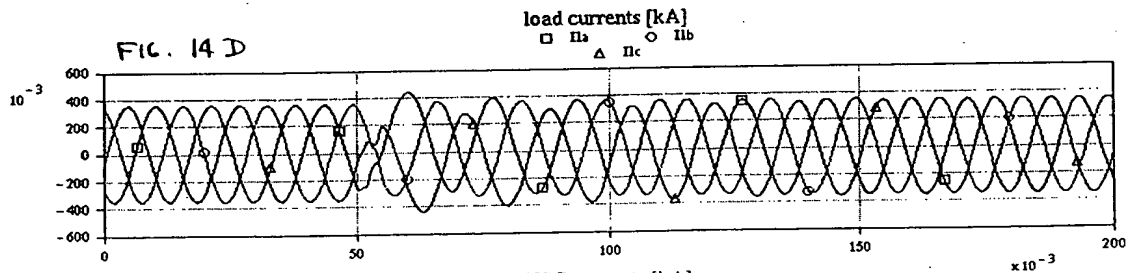


FIG. 14 E

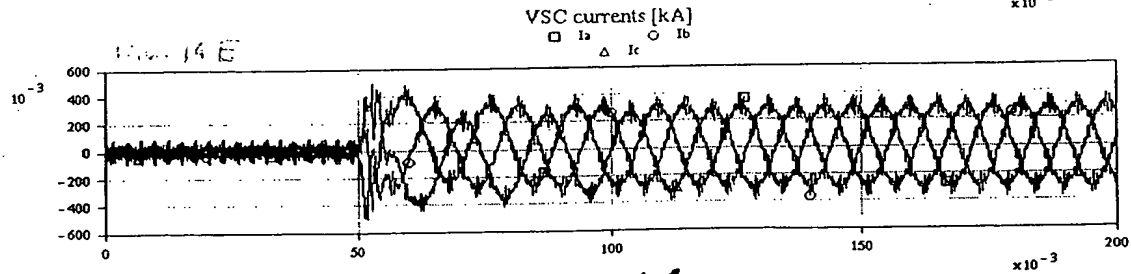


FIG. 14

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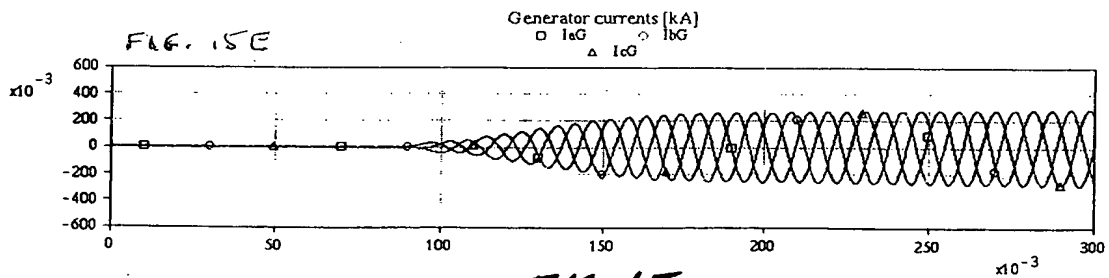
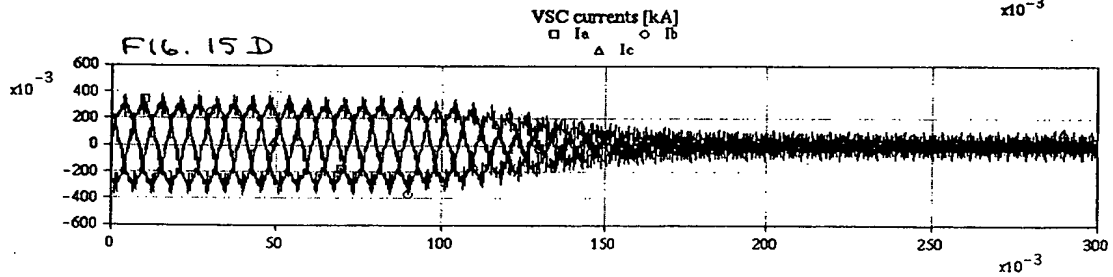
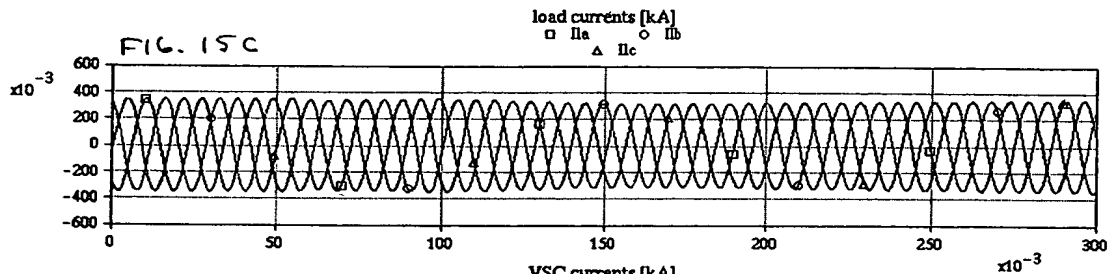
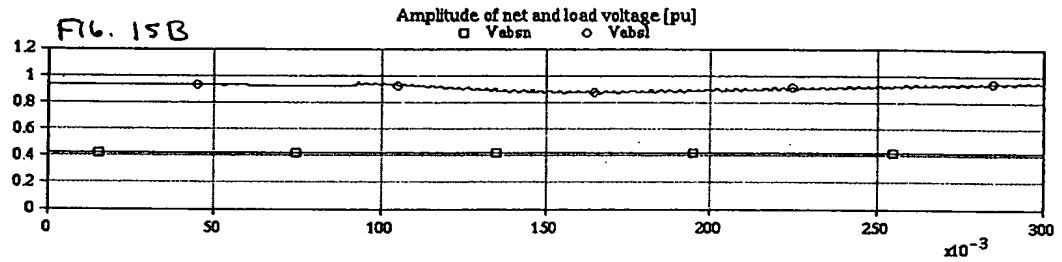
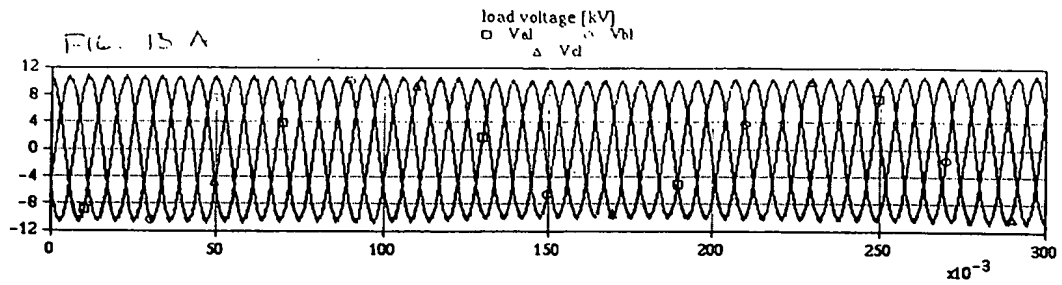


FIG. 15